

**Table S5.** Particle size (diameter, nm) and surface charge (zeta potential) of selected nanoparticles. Experiments were performed in PBS at 25° C. Zeta potential (mV) is expressed as an average of 9 runs  $\pm$  standard deviation.

Nanoparticle	Diameter (nm) (DLS)	Zeta potential (mV)
C73	35.7	15.9 $\pm$ 1.1
C77	62.4	25.3 $\pm$ 6.8
C80	35.7 $\pm$ 11	15.5 $\pm$ 7.4
C80 Cholesterol	46.9 $\pm$ 8.1	15.4 $\pm$ 6.4
C80 + siRNA (50:1, wt:wt)	93.1	9.5 $\pm$ 4.2
C80 Cholesterol + siRNA (50:1, wt:wt)	154.8	9.7 $\pm$ 2.6
C206	28.7	21.8 $\pm$ 10.1
C227	39.5 $\pm$ 16.5	12.6 $\pm$ 1.7
C32	64.3	
C80 FITC	62	
C94	297	
C227 + siRNA (50:1, wt:wt)	105.5	
C227 Cholesterol	130	
C227 FITC	26.2	
C309	74.7	
C315	20	
C315 Cholesterol	115	
D222	56.5 $\pm$ 28.9	
D222 Cholesterol	224	
D73	291.7	
D77	77.7 $\pm$ 30.7	
F125	53.7	
F126	68	